

**INFORMATION DISCLOSURE
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Page 1 of 3

ATTY. DOCKET NO.

22253-68248

SERIAL NO.

09/779,033

APPLICANT

Saha, et al.

FILING DATE

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TECHNOLOGY CENTER R3100**U.S. PATENT DOCUMENTS**


EXAMINER INITIALS	Cite No.	DOCUMENT NUMBER	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART--NON PATENT LITERATURE DOCUMENTS

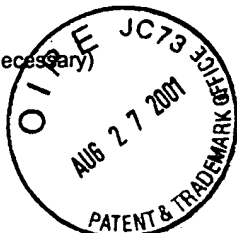
EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T
S.A.	1	Ahn CB, YC Song, DJ Park, "Adaptive Template For Signal To Noise Ratio Enhancement In Magnetic Resonance Imaging," <i>IEEE Transactions on Medical Imaging</i> 18(6):549-556 (1999)	✓
S.A.	2	Bajla I, M Srámek "Improvement Of 3D Visualization Of The Brain Using Anisotropic Diffusion Smoothing Of MR DATA," <i>Proc. MEDINFO Part 1</i> :683-686 (1995)	✓
S.A.	3	Chan P, JL Lim, "One Dimensional Processing For Adaptive Image Restoration," <i>IEEE Transactions on Acoustic, Speech, and Signal Processing</i> 33(1): 117-126 (1985)	✓
S.A.	4	Falcão AX, JK Udupa, S Samarasekera, S Sharma, "User-Steered Image Segmentation Paradigms: Live Wire and Live Lane," <i>Graphical Models Image Processing</i> 60:233-260 (1998)	✓
S.A.	5	Gerig G, O Kilbler, R Kikinis, FA Jolesz, "Nonlinear Anisotropic Filtering Of MRI Data," <i>IEEE Transactions on Medical Imaging</i> , 11(2):221-232 (1992)	✓

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S.A	6	Jackson EF, PA Narayanan, JS Wolinskiy, TJ Doyle, "Accuracy And Reproducibility In Volumetric Analysis Of Multiple Sclerosis Lesions," <i>J. Computer Assisted Tomography</i> 17(2):200-205 (1993)	✓
S.A	7	Kaufmann A, <i>Introduction To The Theory Of Fuzzy Subsets</i> 1:1-7, Academic Press (1975)	✓
S.A	8	Lee JS "Digital Image Enhancement And Noise Filtering By Use Of Local Statistics," <i>IEEE Transactions On Acoustic, Speech, And Signal Processing</i> , Vol 2(2), 165-168 (1980)	✓
S.A	9	Lifshitz LM, SM Pizer, "A Multiresolution Hierarchical Approach To Image Segmentation Based On Image Extrema," <i>IEEE Transactions On Pattern Analysis And Machine Intelligence</i> 12(6):529-540 (1990)	✓
S.A	10	Lindeberg T, <i>Scale-Space Theory In Computer Vision</i> , Pp. 1-21(1994)	✓
S.A	11	Maintz J, P Van Den Elsen, M Viergever, "Comparison Of Edge-Based And Ridge-Based Registration Of CT And MR Brain Images," <i>Medical Image Analysis</i> 1: 1:35-51 (1996)	✗
S.A	12	Mcauliffe MJ, D Eberly, DS Fritsch, EL Chaney, SM Pizer, "Scale-Space Boundary Evolution Initialized By Cores," <i>Proc. Visual. In Biomed. Computing, Lecture Notes In Computer Science</i> 1131:173-182 (1996)	✓
S.A	13	Parker GJM, JA Schnabel, "Enhancement Of Anisotropic Diffusive Filtering Of MR Images Using Approximate Entropy," <i>Proc. Intl. Soc. Of Magnet Resonance In Medicine</i> 7:175 (1999)	✓
S.A	14	Perona P, J Malik, "Scale-Space And Edge Detection Using Anisotropic Diffusion," <i>IEEE Transactions On Pattern Analysis And Machine Analysis</i> 12(7):629-639 (1990)	✓
S.A	15	Pizer SM, D Eberly, DS Fritsch, BS Morse, "Zoom-Invariant Vision Of Figural Shape: The Mathematics Of Cores," <i>Computer Vision And Image Understanding</i> 69(1):55-71 (1998)	✓

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S.A	16	Rank K, R Unbehauen, "An Adaptive Recursive 2D Filter For Removal Of Gaussian Noise In Images," <i>IEEE Transactions On Image Processing</i> 1(3):431-436 (1992)	L
S.A	17	Rosenfeld A, Ac Kak, <i>Digital Picture Processing</i> , Academic Press 1:236-267 (1982)	L
S.A	18	Rosner B, <i>Fundamentals Of Biostatistics</i> , Duxbury Press (1995)	.
S.A	19	Saha PK, JK Udupa, "Scale-Based Filtering Of Medical Images," <i>Medical Imaging 2000: Image Processing In Proceedings Of SPIE</i> 3979:735-746 (2000)	L
S.A	20	Saha PK, JK Udupa, D Odhner, "Scale-Based Fuzzy Connected Image Segmentation: Theory, Algorithms, And Validation," <i>Computer Vision And Image Understanding</i> 77:145-174 (2000)	L
S.A	21	Sahoo PK, S Soltani, AKC Wong, YC Chen, "A Survey Of Thresholding Techniques," <i>Computer Vision Graphics And Image Processing</i> 41:223-260 (1988)	L
S.A	22	Udupa JK, "Three-Dimensional Visualization And Analysis Methodologies: A Current Perspective," <i>Radiographics</i> 19:783-806 (1999)	L
S.A	23	Udupa JK, S Samarasekera, "Fuzzy Connectedness And Object Definition: Theory, Algorithms, And Applications In Image Segmentation," <i>Graphical Models And Image Processing</i> 53(3):246-261 (1996)	L
S.A	24	Wang DCC, AH Vagucci, CC Li, "Gradient Inverse Weighted Scheme And The Evaluation Of Its Performance," <i>Computer Graphics And Image Processing</i> 15:167-181 (1981)	L
S.A	25	Wang X, "On Gradient Inverse Weighted Filter," <i>IEEE Transactions On Signal Processing</i> 40(2):482-484 (1992)	L
S.A	26	Wells WM, P Viola, H Atsumi, S Nakajima, R Kikinis, "Multimodal Image Registration By Maximization Of Mutual Information," <i>Medical Image Analysis</i> 1:151-161 (1996)	L

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